



DEPARTMENT OF FACILITY MAINTENANCE

Laverne Higa PE, Director and Chief Engineer
George “Keoki” Miyamoto, Deputy Director

POWERS, DUTIES, AND FUNCTIONS

The Department of Facility Maintenance administers the City’s repair and maintenance programs for roads, bridges, streams, flood control systems, traffic signs and markings, city buildings and office facilities, and city vehicles and heavy equipment excluding certain vehicles and equipment belonging to the Police and Fire departments and the Board of Water Supply. It also administers the repair and maintenance programs for mechanical, electrical, and electronic equipment and facilities for parks, streetlights, and communication centers. The department also provides property management, parking garage management, security, and interdepartment mail services. Additionally, the department provides heavy vehicle and heavy equipment training support to city agencies.

ORGANIZATION

The department is organized into three major divisions, Automotive Equipment Services, Public Building and Electrical Maintenance, and Road Maintenance. The Office of the Director and Chief Engineer provides management and administrative direction and oversight.

Direction is provided in human resource management, budget planning and execution, program coordination, heavy vehicle and equipment operator training and safety, interdepartment mail services, and other matters of general administration and management. The Construction and Maintenance Fiscal Section of the Department of Budget and Fiscal Services provides fiscal management support. The Department of Information Technology provides computer system support.

HIGHLIGHTS

The department began fueling operations at the Umi Street fueling facility, and completed testing of an automated fuel tracking system at the Kapaa Facility and Kaneohe Corporation Yard. Expansion of the automated system to Pearl City Corporation Yard is expected next year. Crews patched a total of 55,192 potholes throughout Oahu as identified primarily through the Pothole Hotline; cleaned and inspected over 13,500 catch basins, inlets, and manholes and 459,400 lineal feet of storm drain lines; and inspected 298 streams/drainage ditches. In addition, the department initiated plans for a pavement management program as part of a comprehensive system to identify and track maintenance requirements of city roadways. Major building repair and maintenance contract projects that were completed include the Kaneohe Police Station’s chilled water piping, Municipal Building’s emergency generator, and Kekaulike Courtyard’s air cooled chiller. Crews also maintained 46,236 streetlights by replacing 13,467 lamps, installing 2,019 luminaries, and replacing 4,609 photocells.

DIVISION OF AUTOMOTIVE EQUIPMENT SERVICES

DUTIES AND FUNCTIONS

The Division of Automotive Equipment Service (AES) is responsible for planning, directing, coordinating, and administering all programs and activities associated with the maintenance and repair of the automotive, heavy vehicle, and construction equipment fleets of most city departments and agencies (with the exception of the Honolulu Fire Department, Honolulu Police Department, and the Board of Water Supply). The division has the following vehicles/equipment under its jurisdiction: 1,741 on-road/highway vehicles, 129 off-road/non-highway equipment, and 591 miscellaneous equipment (e.g., trailers, forklifts, compressors, generators, etc.); for a total of 2,461 pieces.

ORGANIZATION

The division is organized into four activities: Administration, Storekeeping, Service & Lubrication, and Repair and Maintenance. At full strength, AES staffing is at 142 full-time positions; staffing is currently at 106.

The Administration activity includes the Quality Control & Inspection Branch. This branch is responsible for all preventive maintenance and inspection scheduling, production control, work order data processing and review, quality assurance, disposal of replaced vehicles/equipment, and is the primary custodian of the City’s computerized fleet management system.

Storekeeping is responsible for the acquisition, storage, issuance, and disposal of tools, equipment, replacement parts, accessories, general supplies, and solicitation of private contract equipment and vehicle repair services for the entire division. It is also responsible for processing the division’s purchase



Vehicle Fueling Facility at Halawa.



Light Equipment Repair Shop at Halawa.

orders and purchase requisitions (subject to final action by the Budget and Fiscal Services Department).

The Service and Lubrication activity provides fueling, tire repair/replacement and maintenance, lubrication, and cleaning of all equipment supported by this division. Rural fueling stations are also located throughout Oahu at City and County Corporation Yards operated by the Division of Road Maintenance. Board of Water Supply (BWS) and some State and Federal agencies purchase fuel from AES stations when fuel is not available at their own locations.

The Repair & Maintenance unit is the division's major operational activity. The Repair and Maintenance sections include: the Halawa Automotive Repair Shop, Construction Equipment Repair Shop, Welding Shop, Body and Fender Shop, Pearl City Automotive Repair Shop, Kapaa Automotive Repair Shops and the newly created Light Equipment Repair Shop.

ACTIVITY HIGHLIGHTS

The Storeroom began the year inventorying and categorizing parts at the main storeroom at Halawa. This will enable them to begin utilizing the scan feature in the fleet management system that is currently in use. This feature will allow the storeroom clerks to scan all parts being delivered to and issued from the storeroom. The plan is to complete inventorying and categorizing the storerooms at the Kapaa and Pearl City and begin using the scan feature at those locations as well.

The Umi Street Fueling Facility began operation in September 2005. This facility provides diesel fuel, unleaded gasoline, and propane. It is also equipped with an electric vehicle rapid charging station. The facility also provides engine and transmission oils, as well as coolant for topping off fluid levels.

Testing of an automated fuel tracking system was completed at the Kapaa Repair Facility and the Kaneohe Road Yard. The system will now be expanded to the Pearl City Corporation Yard.

ACTIVITY SUMMARY

Storekeeping:

Number of stock parts transactions	32,451
Number of non-stock parts transactions	54,792
Number of fuel (issues) transactions	81,661
Number of parts/services charged to commercial transactions	3,470

Service & Lubrication:

Lubrication (job tasks completed)	1,199
Tire repair and replacement (jobs tasks completed)	5,113

Repair & Maintenance (job tasks completed):

Halawa Yard Automotive Repair & Maintenance	21,839
Construction Equipment Repair & Maintenance	4,745
Leeward Yard (Pearl City) Repair & Maintenance	6,462
Windward Yard (Kapaa) Repair & Maintenance	4,361
Welding Shop	977
Body Fender & Repair	2,252

PUBLIC BUILDING AND ELECTRICAL MAINTENANCE DIVISION

DUTIES AND FUNCTIONS

The Public Building and Electrical Maintenance Division plans, directs, coordinates and administers the repair, maintenance and renovation programs for all public buildings and appurtenant structures; street, park, mall, outdoor and other city lighting and electrical facilities; and communication facilities on the Island of Oahu that are under the jurisdiction of the Department of Facility Maintenance. Daily custodial and utility services are provided for a number of these facilities with a combination of in-house staff and private contractors. The division also administers activities including property management, parking garage management, municipal parking lot management, city employees' parking, motor pool and security for Honolulu Hale, Kapolei Hale, Honolulu Municipal Building and other city facilities.

ORGANIZATION

The division is made up of four branches: Repair and Maintenance (R&M), Traffic Electrical Maintenance Services (TEMS), Custodial and Utility Services (CUS), and Parking and Property Management (PPM).

The Repair and Maintenance Branch is made up of eight sections: Air Conditioning, Carpentry, Electrical, Masonry, Painting, Plumbing, Mechanical Repair, and Building Maintenance Repair. This branch provides skilled trades and support personnel to repair, maintain, and perform renovation work on all public buildings under the jurisdiction of the Department of Facility Maintenance. This branch also operates a cabinet making shop for the construction of custom designed furniture.

The Traffic Electrical Maintenance Services Branch is made up of four sections: Electrical Maintenance Services, Electronic Maintenance Services, Central Warehousing, and Shop Operations. This branch performs construction, installation and maintenance work for street, park, mall, indoor and outdoor lighting, and other city lighting, electrical, and communication facilities. This branch also operates a central warehouse and electrical shop. A night crew is maintained to answer all related trouble calls.

The Custodial and Utility Services Branch is made up of five sections: Honolulu Hale, Honolulu Municipal Building, Honolulu Police Department Headquarters, Carpet Cleaning, and Utility Services. This branch provides custodial and utility services for all city owned and leased facilities.

The Parking and Property Management Branch is made up of three sections: Parking Operations, Property Management and Security. This branch administers management contracts for parking garages and city properties, provides employee parking, manages municipal parking lots, operates a motor pool, and provides security services for the Civic Center Complex and other city facilities.

ACCOMPLISHMENTS

The Repair and Maintenance Branch completed 6,974 work orders to accomplish its preventive maintenance program, and repair and maintenance projects.

Our staff completed the following major projects:

- (1) Honolulu Municipal Building (HMB) - Performed lighting re-arrangements on various floors for departments that relocated to HMB.
- (2) Department of Information Technology – Replaced existing Type 9 data cables with new Cat 5 cables for various departments

The following repair and maintenance contract projects were completed during the fiscal year:

- (1) Kaneohe Police Station – Replacement of underground chilled water piping. \$21,320.00
- (2) Honolulu Municipal Building – Fabrication and installation of bronze commemorative plaque and building name signs. \$10,942.64
- (3) Honolulu Municipal Building – Repair of emergency generator #1 and rental of portable standby generator. \$15,958.45
- (4) Kailua Medical Center – Removal of coconut trees and waterproofing of building walls. \$20,790.00
- (5) Kekaulike Courtyards – Replacement of air-cooled chiller located on the rooftop of the building. \$99,829.00

The Traffic Electrical Maintenance Services Branch accomplished the following:

- (1) Maintained 46,236 street lights by replacing 13,467 defective or burned out lamps, installing 2,019 new luminaries, and replacing 4,609 defective photocells. Also responded to 235 emergency calls, completed 180 joint-pole changeovers, and logged in 29,103 miles in the performance of night duties.
- (2) Completed 13,350 man-hours of maintenance work for the indoor and outdoor lighting at various parks and recreation centers for the Department of Parks and Recreation, and at various Botanical Gardens, and the Honolulu Zoo, and Hanauma Bay for the Department of Enterprise Services. Completed 1,396 work requests.
- (3) Tested and maintained 160 civil defense sirens. Maintained Police and Fire Departments' antennas.

- (4) Installed 522 special event banners on streetlight poles in the Downtown and Waikiki areas for the Aloha Week Festivities, Honolulu Festival, and Matsuuri Festival. Banners were also installed for special Hawaii Convention Center events such as conventions for Kiwanis International, Subway, and the American Association of Endodontists.
- (5) Assisted Oahu Civil Defense in the maintenance and repair of the electronic equipment for the rain gauge at the Kawainui Marsh and Maunawili Stream.
- (6) Maintained a purchasing, receiving, storing, and issuing system for various supplies, tools and equipment.
- (7) Continued inspection and inventory program of street light electrical cabinets and transformers.
- (8) Replace corroded street light transformers and equipment cabinets in Salt Lake and Mililani.
- (9) Continued with the preventive maintenance program to replace corroded parts and equipment on underground-electrical street lighting systems in Hawaii Kai, Pearl City, Halawa, Kailua, and Waiialae Iki.
- (10) Replaced rotten wood poles on Waiakamilo Road and Dillingham Boulevard.
- (11) Provided electrical power for stage sound systems and booths at Sunset on the Beach, Brunch on the Beach, Palolo Pride Day, and other special events.

The Custodial and Utility Services Branch provided custodial and grounds keeping services for the rural police stations, Fire Training Center, Waianae Neighborhood Community Center, Repair and Maintenance Facility, Hauula Civic Center, Kapahulu Motor Vehicle Inspection, Soil and Material Testing Lab, Waipahu Fire Maintenance and Storeroom Facility, Medical Examiner Facility, Iwilei Health Services Facility, and Police Training Facility. Custodial services were provided for Honolulu Hale and its Annexes, Honolulu Municipal Building, Honolulu Police Headquarters, Airport Industrial Center, Walter Murray Gibson Building, Government Office Building, Dan Liu Building, Halawa Corporation Yard, Kapolei Police Station, Kapolei Hale, City Square Driver License Facility, and Motor Vehicle and Licensing Division at Chinatown Gateway Plaza.

The Parking and Property Management Branch provided employee parking, motor pool services, and security services for the Civic Center Complex, Manana Warehouse Complex, and other city facilities. This branch administered and managed seven parking management contracts for public garages located in Chinatown Gateway Plaza, Marin Tower, Kekaulike Courtyards, Hale Pauahi, Kukui Plaza, Smith Beretania, and Harbor Tower. It also managed two parking meter operated garages located in Harbor Village and Lani Huli Elderly and thirteen municipal surface parking lots located throughout the Island of Oahu. The Branch also administered and managed property management contracts for residential and commercial properties located at Chinatown Gateway Plaza, Chinatown Manor, Ewa Villages, Foster Gardens, Harbor Village, Kanoa Apartments, Kulana Nani Apartments, Manoa Gardens, Marin Tower, Pauahi Hale, Westlake Apartments, Westloch Elderly, and Winston Hale.

DIVISION OF ROAD MAINTENANCE



Workers cleaning debris from 42 days of rain.

DUTIES AND FUNCTIONS

The Division of Road Maintenance is primarily responsible for the maintenance of all streets and municipal parking lots under the jurisdiction of the City and County of Honolulu. It also renders pavement maintenance to private roadways open to public use. In addition, it has the major responsibility of maintaining the many city-owned streams, channels, ditches and other flood control and storm drainage systems located throughout the Island of Oahu, as well as enforcing the maintenance of privately owned streams.

The division also performs household bulky item collection, dead animal pickup services, and provides assistance to the Department of Environmental Services Division of Refuse Collection and Disposal in supervision of some of their rural area refuse collection operations.

Emergency work generated by heavy rains, wind, tsunamis, earthquakes and other natural disasters are another responsibility of this division. Also, because of its resources and capability to perform varied types of work, it is often called upon to assist other city agencies and departments in special situations and emergencies.

ORGANIZATION AND EXPENDITURES

The division carries out its duties with staff and personnel operating out of ten corporation baseyards. Three baseyards (Halawa, Sand Island and College Walk) service the Honolulu district. Rural baseyards are based in the districts of Kailua, Kaneohe, Pearl City, Laie, Waiialua, Wahiawa, and Waianae.

The Halawa baseyard is organized into eight major sections as follows: Roadside, Storm Drain and Stream Cleaning; Street Sweeping (Sand Island); Clean Team (College Walk); Masonry and Carpentry; Road Pavement Maintenance and Repairs; Signs and Markings; and Equipment Pool. Crews from the latter four sections also provide support to the rural areas.

The College Walk, Kailua, Kaneohe, Pearl City, Laie, Waialua, Wahiawa, and Waianae baseyards are organized generally to retain operational flexibility in providing the many types of services required at various demand levels.

ACTIVITY HIGHLIGHTS

- (1) Resurfaced 43 lane miles of roadways with in-house city crews.
- (2) Provided extensive first aid type repairs and resurfacing to numerous roadways island-wide by placing a thin asphalt overlay on deteriorated pavements areas to minimize further deterioration and provide a better riding surface until contract resurfacing funds become available.
- (3) Continued the program to contract cleaning and maintenance services for miscellaneous vacant/remnant city lots and sidewalk areas by awarding five contracts to maintain 147 locations.
- (4) In conjunction with the State Department of Transportation, continued the division's Pothole Hotline Program. This fiscal year, 7,212 calls were received on a 24-hour hotline; 6,335 requests were for pothole patching and pavement repairs and the rest for other work. A total of 55,192 potholes were patched at locations identified through the Pothole Hotline and other means.
- (5) As part of the Mayor's Clean Stream Program, continued the Adopt-A Stream Program. Volunteer groups have officially adopted and cleaned streams.
- (6) Approximate totals of 13,539 catch basins, inlets, and manholes and 459,400 lineal feet of storm drain lines were inspected and cleaned.
- (7) Continued program to inspect all 298 streams and drainage ditches and 25 boulder basins in the inventory and clean them as necessary; 166 streams, ditches and boulder basins were cleaned, many more than once.

ACCOMPLISHMENTS

Street Maintenance

TONS ASPHALTIC CONCRETE LAID BY IN-HOUSE CREWS

	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	<u>FY 2005</u>	<u>FY 2006</u>
First Aid and Resurfacing	4,034	2,387	1,829	9,354	23,566	13,604
Pothole Patching	905	1,077	1,060	2,058	1,592	705
TOTAL	<u>4,939</u>	<u>3,464</u>	<u>2,889</u>	<u>11,412</u>	<u>25,188</u>	<u>14,309</u>

In addition, 1,867 bags/buckets of proprietary roadway patching material were used primarily to patch potholes.

Due to the 40 days of heavy rains this past winter and the asphalt shortage that followed the asphalt tonnage placed this fiscal year decreased from the previous year.

Stream Cleaning

Streams, ditches and boulder basins cleared or dredged during the year included the following:

HONOLULU

16th Avenue Boulder Basin	Kamanaiki Stream
Ahuwale Ditch	Kamiloiki Boulder Basin
Ailuna Ditch	Kapalama Canal
Ainakoa Ditch	Kaohinani Ditch
Ala Aolani Ditch	Kapakahi Stream
Analii Ditch	Kapakahi (Aina Koa) Boulder Basin
Anolike Ditch	Kehau Ditch
Frank Ditch	Kipu Ditch
Hahaione Boulder Basin (East and West)	Kolomona Ditch
Hahaione Stream	Kula Kolea Ditch
Haku Ditch	Kuikele Ditch
Halekoa Ditch	Kuliouou Boulder Catch
Hausten Ditch	Kuliouou Stream
Hema Ditch	Likini Ditch
Hiyane's Ditch	Luinakoa Ditch
Kalama Valley Lined Channel	Lunalilo Interceptor Ditch
Kalaniana'ole Ditch	Makiki Ditch
Kalaniiki Ditch	Mamalu Ditch
Kalapaki Ditch	Manaiki Stream
Kalawao Ditch	
Kalili Stream Ditch	

Manauwea Ditch
 Manoa Stream
 Manoa Palolo Stream
 Moanalua Stream
 Mona Ditch
 Muliwai Ditch
 Narcissus Ditch
 Ninini Ditch
 Niu Boulder Basin (East and West)
 Niu Stream
 Nuhelewai (Aupuni) Boulder Basin
 Nuuanu Stream
 Oheke Ditch I
 Opihi Ditch
 Pahoehe Ditch
 Palolo Stream
 Paniolo Ditch
 Papali Ditch
 Pauoa Stream

Poipu Ditch
 Portlock Ditch
 Pukele Stream
 Puunanea Ditch
 Ruth Place Ditch
 Uhini Place Ditch
 Umalu Ditch
 Waialae Nui (Kilauea) Boulder Basin
 Waialae Nui Ditch
 Waialae Nui Stream
 Wailupe Ditch
 Wailupe Stream
 Wainiha Street Ditch
 Wailupe Stream
 Waiomao Stream
 Wainiha Street Ditch
 Wawamalu Stream
 Wood Ditch

PEARL CITY

Aahualii Ditch
 Campbell Industrial Ditch
 Ewa Lined Ditch
 Ewa Sump
 Halawa Ditch
 Hoolehua Drain Outlet
 Hooli Ditch
 Hoomaemae Ditch
 Kaaholo Ditch
 Kalauao Spring

Kapakahi Stream
 Kokole Ditch
 Komo Mai Drive Dedris Catcher
 Noelani Ditch
 Palailai Ditch
 Pearl City Stream
 Waimalu Channel Boulder Basin
 Waimalu Stream
 Waipahu Stream
 Waipio Gentry Ditch

KAILUA

Aikahi STP Ditch
 Akaakoa Ditch Easement
 Akiohala Ditch Easement
 Alahaki Ditches
 Hele Channel
 Hui Lined Channel
 Kaelepulu Stream Mouth
 Kahawai Stream
 Kahawai Stream Boulder Basin
 Kalaheo Hillside Ditch

Kamahele Ditch
 Kaopa Silt Basin
 Kapaa Quarry Road Ditches
 Kawainui Canal
 Kawainui Dike
 Keolu Lined Channel
 Kuuna Ditch
 Lanipo Ditch
 North Kalaheo Footpath Ditch
 Waimanalo Stream

KANEEOHE

Anolani Stream
 Ben Parker Ditch
 Fong's Ditch
 Halemanu Street Basins
 Hui Kelu Street Slope Easement
 Hui Uliuli Channel
 Kaneohe Dam
 Keaahala Ditch
 Keaahakla Stream

Kuneki Ditches (3)
 Kuneki Drainage Channel
 Kuneki Place Swale
 Lohiehu Ditch
 Nohonani Ditch
 Pilina Ditch
 Puahuula Place Ditch
 Puuohalai Place Ditch
 Yatch Club Ditches (2)

WAIANAE

Alamihi Ditch	Nanakuli Lined Channel
K-2 Boulder Basin	Piliuka Ditch
Kawiwi Stream Easement	Pokai Bay Ditches
Leihoku Ditch	Turbidity Barriers
M-2 Channel	Ulehawa U-1 Channel
M-3 Channel	Ulehawa U-2 Channel
M-4 Channel	Ulehawa U-3 Channel
Maipalaoa Stream	U-1 Channel

LAIE

Hanaimoa Ditch	Kawaipapa Stream
Haula Homestead Road Ditch	Ke Iki Ditch
Hoalua Ditch	Paumalu Flood Control
Kahawainui Stream Flood Control	Waipuhi Stream

WAHIAWA

Meheula Stream	Waipio Lined Ditch
Mililani Lined Channel	Whitmore Open Ditch
Waianuhea Place Ditch	

WAIALUA

Paukauila Bridge	Lokoea Stream Box Culvert
------------------	---------------------------

Masonry and Carpentry

Heavy construction masonry and carpentry crews based in Honolulu do all masonry and carpentry work in Honolulu and assist the rural districts as needed. Two smaller masonry crews operating out of the Pearl City and Kailua baseyards do routine jobs, mainly sidewalk repairs for the Leeward and Windward Districts, respectively. A summary of work done includes the following:

- (1) Installed 249 feet of drain lines of various sizes.
- (2) Repaired or reconstructed 17,683 square feet of Reinforced Concrete, Concrete Masonry Unit (CMU) and Concrete Rubble Masonry (CRM) walls.
- (3) Repaired or installed 895 feet of guardrails (metal/wood) and 3,757 feet of chain link fences.
- (4) Reset, reconstructed and/or repaired 3,333 feet of broken, uneven, settled, curbs and/or gutters.
- (5) Reconstructed 155 catch basin deckings.
- (6) Reconstructed 85,909 square feet of sidewalk by in-house crews island-wide.
- (7) Reconstructed 120 square feet of concrete roadway pavement.

Street Sweeping

The following table shows the number of curb miles swept mechanically during the fiscal year.

CURB MILES SWEEP MECHANICALLY

<u>Fiscal Year</u>	<u>Honolulu</u>	<u>Rural</u>	<u>Total</u>
2001	36,500	4,500	41,000
2002	36,743	6,161	42,904
2003	35,324	4,860	40,184
2004	32,138	4,869	37,007
2005	30,115	5,259	35,374
2006	22,218	3,286	25,504

During the year, crews in Honolulu and rural yards serviced 1,532 litter containers at bus stops, malls, and other locations throughout the island, at various frequencies. Containers were distributed throughout the island as follows:

Honolulu - 954	Wahiawa - 74
Pearl City - 210	Waianae - 55
Kaneohe - 101	Waialua - 26
Kailua - 68	Laie - 44

Signs and Markings

The Signs and Markings crews based in Honolulu do the installation and maintenance of traffic signs and markings in Honolulu and assist the rural districts as needed. A summary of work done includes:

- (1) Painted 27,752 lineal feet of curbs
- (2) Striped 405 miles of traffic lines
- (3) Striped 728 crosswalks
- (4) Installed 8,029 pavement markers
- (5) Manufactured 6,600 traffic signs
- (6) Installed/reset/replaced 4,995 traffic signs and 1,961 posts.

AID TO OTHER AGENCIES

Department of Design and Construction

- (1) Assisted in the preparation of construction documents for street rehabilitation and sidewalk reconstruction projects.

Department of Environmental Services

- (1) Assisted the Storm Water Quality Branch in investigating illegal discharges into the storm drainage system.
- (2) Provide refuse administration for Laie, Wahiawa and Waialua districts.
- (3) Provided relief personnel for absent Refuse Collectors at Laie and Waialua baseyards.
- (4) Provided bulky item pickup service in the Pearl City, Wahiawa, Kaneohe and Kailua districts with two special crews working out of the Pearl City Yard supplemented as needed by individual baseyard crews.
- (5) Provided dead animal pickup service in all rural districts.
- (6) Assisted in road repairs as requested at various sewer line breaks.
- (7) After hour vehicle fueling.
- (8) Repair damages to driveways by refuse vehicles.

Department of Transportation Services

- (1) Installed/revised traffic signs and markings to improve traffic control.
- (2) Maintained bikeway facilities.
- (3) Swept parking areas and serviced litter containers at the Hawaii Kai, Wahiawa, Kunia, Mililani, Kapolei and Waialua Park-and-Ride Facilities.

Board of Water Supply

- (1) Assisted in road repairs as requested at various waterline breaks.
- (2) Assisted in trench patching for emergency call outs.
- (3) Assisted in pumping water from waterline breaks and with heavy equipment and operators for waterline repairs.

Department of Planning and Permitting

- (1) Cleaned sidewalk areas and repaired sidewalks and driveways per citations and work orders.

Department of Parks and Recreation

- (1) In conjunction with the "Clean Team" reorganization, continued maintenance responsibilities for Chinatown/Downtown malls (Fort Street, Kekaulike Street, River Street, Kalikimaka, Kila and College Walk) and parks (Wilcox, Chinatown Gateway, Kamalii, Smith-Beretania, and Aala).
- (2) Assisted in emergency removal of damaged street tree branches during and following storm events.
- (3) Assisted in the hauling of Parks and Recreation heavy equipment.
- (4) Assisted in maintaining Parks and Recreation facilities.

Others

- (1) Support Honolulu City Lights and Rediscover Oahu activities.
- (2) Moved and set up equipment for special events at Honolulu Hale and Kapolei Hale.
- (3) Provided cleanup services and/or signing and traffic control services for various events, such as, the Hooleaulea (Downtown/Waikiki), Aloha Week Parade, Tree Lighting Ceremony, and the Kamehameha Day Parade.
- (4) Provide litter pickup services for community and stream cleanups.
- (5) Distributed supplies for community cleanups and storm drain stenciling projects.
- (6) Cleared illegal dumpsites at various locations in the community and transported material for disposal/recycling.
- (7) Cleared landslides of state-owned properties and other properties onto city roads and drainage facilities following storm events.
- (8) Cleared sand, coral and rocks from state portions of Kamehameha Highway following high surf events.
- (9) Cleared downed state trees and tree branches from city roadways.